



Model:
B-151R

Typology:
EDUCATIONAL MICROSCOPE

Description:

*Educational microscope for routine applications, with rechargeable battery.
Dye-cast frame, with high stability and ergonomy, for transmitted light observation.*

Models	B-151: monocular with fixed table; objectives 4x, 10x, 40x	
Illumination	Light source type: white LED; light intensity control using a knob on left side of the frame. LED power: 1W. Color temperature: 6300K LED average lifetime approx.: 50.000h External power supply 100/240Vac, 50/60Hz, output: 6Vdc 2,5A. Internal NiMH rechargeable battery (up to 15 hours of use from a single charge, led at medium intensity).	
Observation Modes	Brightfield	
Focusing	Coaxial coarse and fine focusing mechanism (graduated, 0.002mm) with upper stop, to prevent the contact between objective and specimen. Adjustable tension of coarse focusing knob.	
Stage	Plain stage 125X120mm.	
Nosepiece	Quadruple revolving nosepiece, rotation on ball bearings.	
Head	Monocular observation head, inclined 30° and rotatable 360°.	
Eyepieces	Widefield eyepieces WF10X/18 with field number 18mm.	
Objectives	Achromatic objectives with mechanical tube lenght 160 mm, made by following objectives: -) Achromatic DIN 4X, A.N. 0.10, W.D. 18 mm -) Achromatic DIN 10X, A.N. 0.25, W.D. 7 mm -) Achromatic DIN 40X, A.N. 0.65, W.D. 0,53 mm All objectives are treated with an anti-fungus treatment.	
Condenser	Abbe condenser N.A. 0.65 precentered.	
Dimensions	HEIGHT:	350 mm
	WIDTH:	170 mm
	DEPTH:	210 mm
	WEIGHT:	4 kg
Accessories	Instruction manual and dust cover included.	